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# Meteorological observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. Roberton; by Mr. Thompson at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall at Boston, and by Mr. Dunbar at Applegarth Manse, Dumfries-shire

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*Meteorological Observations made at the Apartments of the Royal Society by the Assistant Secretary,* Mr. ROBERTON; *by* Mr. THOMPSON *at the Garden of the Horticultural Society at Chiswick, near London; by* Mr. VEALL *at Boston, and by* Mr. DUNBAR *at Applegarth Manse, Dumfries-shire.*

| Days of Month. 1840. Jan. | Barometer. | | | | | | Thermometer. | | | | | | | | | Wind. | | | | Rain. | | | | Dew point. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | London: Roy. Soc. 9 a.m. | Chiswick. | | Boston. 8½ a.m. | Dumfries-shire. | | London: Roy. Soc. | | | Chiswick. | | Boston. 8½ a.m. | Dumfries-shire. | | | London: Roy. Soc. 9 a.m. | Chiswick 1 p.m. | Bost. | Dumfries-shire. | London: Roy. Soc. 9 a.m. | Chiswick. | Boston. | Dumfries-shire. | Lond.: Roy. Soc. 9 a.m. |
| | | Max. | Min. | | 9 a.m. | 8½ p.m. | Fahr. 9 a.m. | Self-register. Max. | Min. | Max. | Min. | | Max. | Min. | | | | | | | | | | |
| 1. | 29·724 | 29·944 | 29·699 | 29·30 | 29·46 | 29·35 | 49·8 | 50·5 | 44·3 | 55 | 46 | 51 | 44 | 39 | | S. | S. | calm | E by S. | ... | ·02 | ... | ... | 44 |
| 2. | 29·738 | 29·941 | 29·757 | 29·21 | 29·25 | 29·41 | 47·6 | 48·0 | 47·6 | 52 | 39 | 47 | 47 | 42½ | | SW. | SW. | SW: | SW. | ... | ·06 | ... | ... | 43 |
| 3. | 30·000 | 29·999 | 29·924 | 29·47 | 29·73 | 29·95 | 43·2 | 43·6 | 41·8 | 46 | 40 | 43 | 45½ | 42 | | W. | SW. | calm | W—N. | ·025 | ·17 | ... | ... | 40 |
| ● 4. | 29·956 | 29·975 | 29·908 | 29·60 | 29·90 | 29·89 | 39·7 | 40·6 | 40·6 | 44 | 32 | 38 | 39 | 32 | | NE. | NE. | calm | NE. | ·072 | ... | ... | ... | 40 |
| 5. | 29·896 | 29·968 | 29·902 | 29·52 | 29·84 | 29·87 | 36·3 | 36·6 | 36·7 | 40 | 24 | 30 | 35½ | 27½ | | N. | N. | calm | N. | ·205 | ... | ... | ... | 37 |
| 6. | 30·000 | 30·253 | 30·000 | 29·60 | 29·99 | 30·18 | 33·6 | 34·0 | 31·5 | 38 | 19 | 31 | 34 | 27½ | | NW. | NE. | calm | NE. | ... | ... | ... | 0·60 | 32 |
| 7. | 30·282 | 30·313 | 30·259 | 29·92 | 30·10 | 29·98 | 29·0 | 32·0 | 29·0 | 32 | 12 | 27 | 32 | 19½ | | ENE. | E. | calm | NE. | ... | ... | ... | ... | 28 |
| 8. | 30·156 | 30·219 | 30·182 | 29·73 | 29·93 | 30·03 | 22·8 | 29·4 | 22·3 | 32 | 26 | 31 | 38 | 29 | | SW. | SW. | calm | NW. | ... | ... | ... | ... | 17 |
| 9. | 30·224 | 30·389 | 30·264 | 29·80 | 30·09 | 30·21 | 33·2 | 32·8 | 22·3 | 37 | 29 | 35 | 35 | 27 | | SW. | W. | calm | NE. | ... | ... | ... | ... | 28 |
| 10. | 30·476 | 30·588 | 30·511 | 30·20 | 30·26 | 30·25 | 34·2 | 34·8 | 32·6 | 35 | 15 | 33·5 | 34½ | 25 | | E. | SE. | calm | WSW. | ... | ... | ... | ... | 26 |
| 11. | 30·516 | 30·557 | 30·413 | 30·13 | 30·14 | 30·07 | 27·4 | 37·2 | 26·0 | 37 | 17 | 26 | 41½ | 34 | | SE. | S. | calm | SSE. | ... | ... | ... | ... | 27 |
| ☽ 12. | 30·286 | 30·352 | 30·288 | 29·94 | 29·85 | 29·87 | 31·5 | 35·3 | 27·3 | 42 | 22 | 27 | 44 | 38 | | SE. | S. | W. | S. | ... | ... | ... | ... | 27 |
| 13. | 30·144 | 30·192 | 30·003 | 29·83 | 29·71 | 29·47 | 34·9 | 39·8 | 31·4 | 40 | 29 | 31 | 45 | 42 | | SE. | S. | W. | SE. | ... | ... | ... | ... | 28 |
| 14. | 29·924 | 30·078 | 29·944 | 29·55 | 29·54 | 29·68 | 40·9 | 41·5 | 34·8 | 46 | 41 | 37 | 46 | 41½ | | S. | S. | SE. | SE. | ... | ·01 | ... | 0·20 | 33 |
| 15. | 30·142 | 30·131 | 29·879 | 29·68 | 29·70 | 29·36 | 43·2 | 44·7 | 40·2 | 46 | 38 | 43 | 46½ | 43 | | SSW. | SW. | SE. | S. | ... | ·06 | ... | ... | 39 |
| 16. | 29·718 | 29·797 | 29·760 | 29·23 | 29·30 | 29·39 | 40·7 | 46·8 | 40·8 | 43 | 36 | 40 | 46½ | 40 | | SW. | W. | W. | W. | ·044 | ·15 | ... | ... | 39 |
| 17. | 29·490 | 29·858 | 29·518 | 29·18 | 29·42 | 29·71 | 41·5 | 46·6 | 40·8 | 43 | 24 | 39 | 42 | 35 | | S. | NE. | calm | NNE. | ·127 | ·02 | ... | ... | 40 |
| 18. | 29·972 | 29·990 | 29·726 | 29·54 | 29·43 | 29·28 | 36·3 | 43·8 | 34·2 | 50 | 40 | 33·5 | 49½ | 28 | | S. | SW. | calm | SW. | ·033 | ·14 | ·03 | ... | 36 |
| ○ 19. | 29·436 | 29·697 | 29·358 | 28·94 | 28·88 | 28·80 | 49·4 | 50·7 | 35·6 | 54 | 40 | 46 | 46½ | 41 | | S. | W. | calm | WSW. | ·122 | ·37 | ... | ... | 44 |
| 20. | 29·618 | 29·712 | 29·425 | 29·15 | 29·20 | 29·03 | 42·6 | 54·2 | 41·4 | 54 | 44 | 42·5 | 42½ | 36 | | S. | W. | W. | W by S. | ·282 | ·20 | ·09 | ... | 41 |
| 21. | 29·312 | 29·726 | 29·325 | 28·73 | 28·73 | 29·05 | 51·3 | 53·7 | 41·4 | 52 | 43 | 51 | 44 | 35½ | | S. | W. | W. | SSW. | ·361 | ·09 | ·11 | 2·40 | 45 |
| 22. | 29·684 | 29·838 | 29·652 | 29·10 | 29·22 | 29·45 | 48·3 | 53·2 | 45·0 | 51 | 38 | 47 | 44 | 37½ | | S. | W. | W. | W. | ·133 | ·04 | ·12 | ... | 43 |
| 23. | 29·808 | 29·841 | 29·622 | 29·25 | 29·10 | 29·05 | 47·7 | 51·4 | 41·2 | 54 | 49 | 41·5 | 49 | 35½ | | S. var. | SW. | W. | S. | ·022 | ... | ... | ... | 41 |
| 24. | 29·346 | 29·366 | 29·010 | 28·73 | 28·78 | 28·41 | 52·0 | 53·5 | 47·4 | 53 | 37 | 55 | 49 | 40 | | S. var. | SW. | S. | SSW. | ... | ·49 | ... | ... | 47 |
| 25. | 29·316 | 29·382 | 29·352 | 28·76 | 28·77 | 28·95 | 43·0 | 53·3 | 39·6 | 54 | 38 | 39 | 39 | 36 | | S. | W. | W. | SW. | ·394 | ·05 | ·20 | ... | 42 |
| ☾ 26. | 28·938 | 29·311 | 28·742 | 28·43 | 28·44 | 28·62 | 50·5 | 52·7 | 40·6 | 52 | 34 | 48 | 44½ | 35½ | | S. var. | W. | W. | WSW. | ... | ·34 | ·08 | ... | 45 |
| 27. | 29·444 | 29·758 | 29·499 | 28·91 | 29·00 | 29·28 | 37·8 | 38·5 | 37·0 | 46 | 35 | 36 | 39½ | 29½ | | SW. | W. | W. | W. | ·481 | ·02 | ·05 | ... | 38 |
| 28. | 29·422 | 29·427 | 29·182 | 29·05 | 29·05 | 28·85 | 42·8 | 43·4 | 37·0 | 54 | 42 | 36 | 37½ | 32 | | S. | W. | calm | SW. | ·016 | ·17 | ... | 1·41 | 40 |
| 29. | 29·500 | 29·830 | 29·562 | 29· | 29·35 | 29·54 | 44·8 | 45·5 | 42·6 | 47 | 26 | 37 | 39½ | 33 | | W. | NW. | N. | WSW. | ·272 | ... | ·36 | ... | 41 |
| 30. | 29·938 | 29·962 | 29·685 | 29·53 | 29·30 | 29·45 | 34·4 | 35·0 | 34·6 | 45 | 30 | 34 | 39 | 27 | | SSW. | E. | calm | SE. | ... | ·02 | ·02 | ... | 36 |
| 31. | 29·574 | 29·584 | 29·539 | 29·15 | 29·20 | 29·30 | 43·4 | 44·3 | 34·8 | 50 | 29 | 41 | 42 | 33½ | | S. | S. | S. | SSE. | ·044 | ·06 | ·19 | ... | 40 |
| Mean. | 29·806 | 29·931 | 29·732 | 29·36 | 29·440 | 29·474 | 40·4 | 43·5 | 36·9 | 45·93 | 32·64 | 38·6 | 42· | 34·3 | | | | | | Sum. 2·633 | 2·48 | 1·25 | 4·61 | Mean. 37·0 |